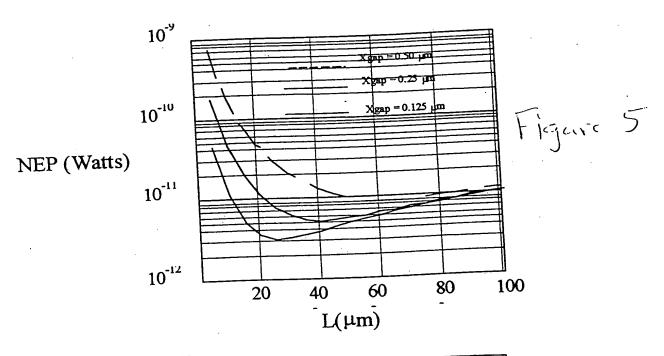


Conductive/	A	$\mathcal{B}$	С	D	Ė	F	C,
HTS  NEP (pM) System  NEP (pM) averaged (N times)  Temperature (N)	Conductively couple with Normal Metal 25 microns 200 210 210/(Sqn49)=30 300	Normal Metal Cool to 77K 100 68 68/(Sqrt125)=6.1 77	0.9 0.81 0.81 0.81	HTS artenns to load connection 25 microns 0.25 0.17 0.17 77 72 25		0.08 0.041 0.041 0.041 77	0018 0011 0011 40 5
Unit Call width (um) Fill Factor (%Area) Bridge SI3M4 Eff Thickness (A) Leg SiNi Thickness (A) Leg Metal Thickness (A) Leg Width (um) Leg Length (um) TCR %AK Bloomet er Resistance (chms)	25 95 95 95 95 95 95 95 95 95 95 95 95 95	25 950 6500 2000 10 25 2.4 50,000	25 95 2000 5000 5000 1 250 24 99,200	95 500 1750 2000 1 250 2.4	95 500 1500 1000 0.5 250 10	400 0.5 250 2.4	500 200 200 0.5 500 24
	Figure	- 4					



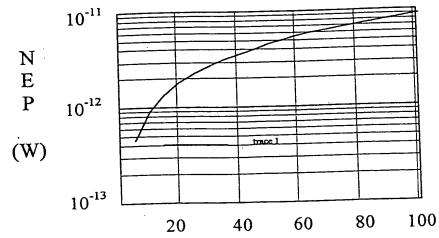


Figure 6